

UM4-20

4-20mA control signal from Utility Meters

✕ Physical data

Case -- Heavy Duty Nylon, with Perspex front viewing panel
Size - 124 mm wide 170 mm high 95 mm deep – Weight 0.7kg

✕ Power Options

230 volts or 24 volts

✕ Current Output

4 – 20 mA Current loop, optically isolated

✕ Load Impedance

470 Ohms at 12 vdc

✕ Response Time

0.1 second

✕ Resolution

0.05%

✕ Rating

250mA maximum 30vdc blocking maximum

✕ Power Consumption

8mAmps

✕ LCD Display

16 Character Display includes spaces
Visual Diameter 65mm wide 13mm high
Display Driver -- 5 x 7 dots per character
Character Size 8.5mm High 4.5 Wide Characters available = 92 includes low and high case

✕ CAT Terminals (Caution Alarm Terminals)

Provides a voltage – 24volts -- for onward control(s) options at two levels
Level 1 – (Orange) 18mAmps Level 2 –(Red) 20mAmps

✕ Programming

Via two buttons on front of case button 1 = scroll button 2 = accept

✕ Data Retention/Memory

Should loss of power occur, programmed data will be retained in memory for 10 years.

✕ Temperature Range

Operating Range - 10c to 85c Limit range of operation -20c to 90c
Storage range –25c to 70c This complies with IEC 1036 4.3.1

✕ EMC Standards

Full compliance meeting generic standard EN50091-2 and immunity standard EN50082-2 for industrial environments

✕ Safety Standard

Complies with EN61010 installation category 11 Pollution degree 2



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Technical data



ACCURACY 0.25% FREE CALIBRATION CERTIFICATE ISSUED WITH EACH UNIT

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